

Guidance notes for the safe opening of bulk packs



Ravatherm XPS insulation

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Detailed below are **GUIDANCE NOTES** only for breaking open bulk packs of Ravatherm XPS. It is important that products are handled safely and in accordance with relevant site regulations. To assist, we offer the following guidance notes*.

Breaking bulk guidance

Key points:

- Personal Protective Equipment (PPE) must be worn as required by the site/user personnel regulations.
- Individual packs weigh approximately 20kgs (2500 x 600mm) and 10kgs (1250 x 600mm). When handling 2500 x 600mm packs best practice suggests two people should perform the task.
- Ensure that the bulk pack is positioned on an even, adequate load-bearing surface with space for two people to walk and work on all four sides.
- Each bulk pack is on foam bearers and has the following approximate dimensions, 2400 x 2400 x 2500 (height) mm, and weighs approximately 450kg.
- All offloading by cranes/fork-lift trucks should be carried out by suitably qualified personnel only.



Offloading Ravatherm XPS products

The design for bulk packaging makes offloading Ravatherm XPS products simple and convenient.

Each 15 m³ bulk unit contains:

- eight pre-wrapped units
- two layers, each set on bearers
- thick outer wrap for protection during transportation.

How to offload and unpack into eight convenient units

- unload from flatbed truck with a forklift and fork extensions
- slit outer wrap horizontally along the mid-height bearers
- lift away top half and set down so you have two half-height units
- slit outer wrap vertically
- separate into eight packs – easy to handle with a standard forklift truck.



* Whilst every care has been taken with these Guidance Notes, Quantum Insulation accepts no responsibility for the operations referred to in the Guidance Notes and cannot accept liability for any loss, damage or injury related to the operations or the task, however caused. Importantly, the Guidance Notes do not relieve the User from responsibility to carry out its own risk assessment specifically relating to the circumstances and requirements of the site where the unloading of bulk pack operations will take place. The User is responsible for ensuring that its employees, agents and contractors have been properly trained in the relevant safe working procedure identified as relevant to the task.

Disclaimer

Ravatherm XPS contains a flame retardant additive to inhibit accidental ignition from a small fire source.

Ravatherm XPS is however, combustible and if exposed to an intensive fire may burn rapidly.

During shipment, storage, installation and use, Ravatherm XPS should not be exposed to flames or other ignition sources.

Fire classification is based on small scale tests, which may not reflect the reaction of the products in its end use state under actual fire conditions.

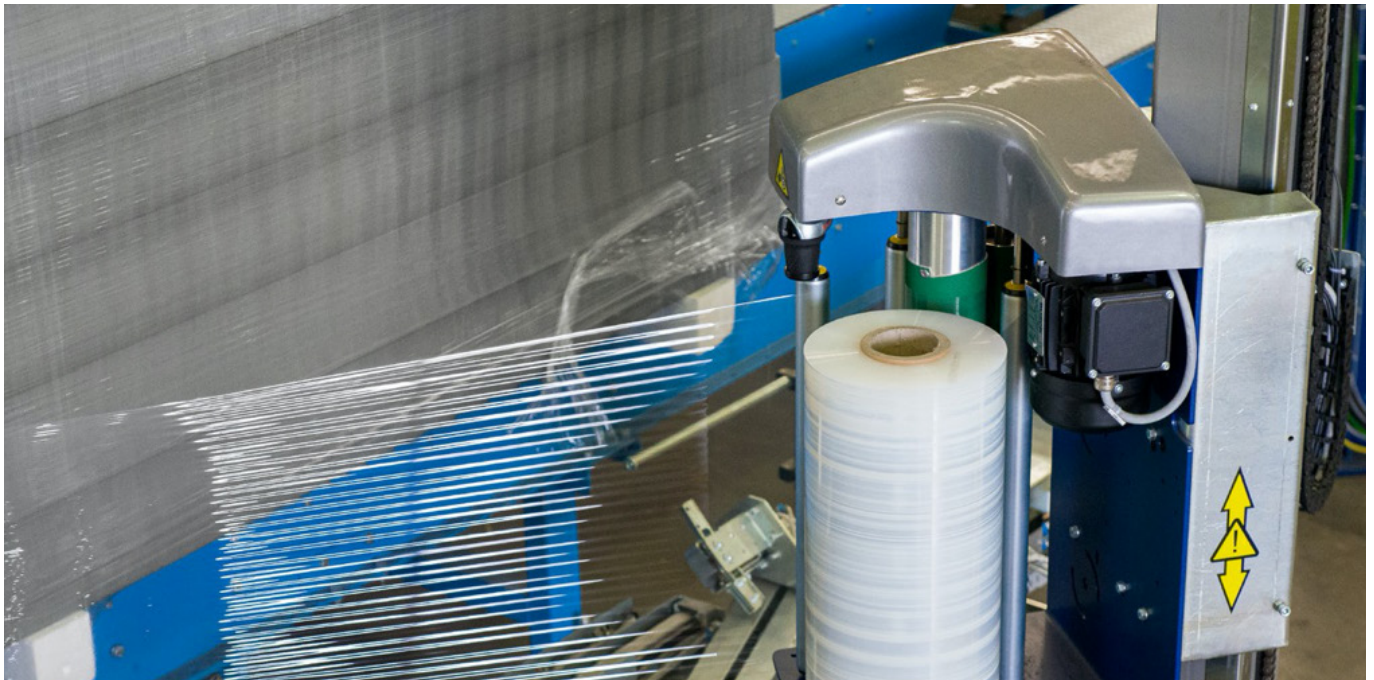
Ravatherm XPS should, when installed, be adequately protected from direct exposure to fire.

Recommendations about the methods, use of materials and construction details are given as a service to designers and contractors. These are based on the experience of Quantum Insulation with the use of Ravatherm XPS.

Any drawings are meant only to illustrate various possible applications and should not be taken as a basis for design. The legal obligations of Quantum Insulation in respect of any sale of Ravatherm XPS shall be determined solely by the terms of the respective sales contract.

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Delivery Form

RAVATHERM XPS X ULTRA 300 SL

Board Dimensions			Board	Pack quantity	m ³	m ²	Supercube Dimensions		
Thickness mm	Width mm	Length mm	Per pack	Per Pallet	Per Pack	Per Pack	Height mm	Width mm	Length mm
70	600	1250	6	48	0.315	4.5	2720	2400	2500
80	600	1250	5	48	0.3	3.75	2600	2400	2500
105	600	1250	4	48	0.315	3	2720	2400	2500
130	600	1250	3	56	0.293	2.25	2930	2400	2500
145	600	1250	3	48	48	2.25	2810	2400	2500
175	600	1250	2	56	56	1.25	2650	2400	2500
205	600	1250	2	48	48	1.25	2660	2400	2500

RAVATHERM XPS X 300 SL

Board Dimensions			Board	Pack quantity	m ³	m ²	Supercube Dimensions		
Thickness mm	Width mm	Length mm	Per pack	Per Pallet	Per Pack	Per Pack	Height mm	Width mm	Length mm
50	600	1250	8	48	0.3	6	2600	2400	2500
80	600	1250	5	48	0.3	3.75	2600	2400	2500
100	600	1250	4	48	0.3	3	2600	2400	2500
120	600	1250	3	56	0.27	2.25	2720	2400	2500
130	600	1250	3	56	0.293	2.25	2930	2400	2500
140	600	1250	3	48	0.315	2.25	2720	2400	2500
160	600	1250	2	64	0.24	1.25	2760	2400	2500
180	600	1250	2	56	0.27	1.25	2720	2400	2500
200	600	1250	2	48	0.3	1.25	2600	2400	2500
205	600	1250	2	48	0.308	1.25	2660	2400	2500

This information given in good faith and is based on the latest knowledge available to Quantum Insulation Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

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DEC 21